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868-63

cy of

30 December 1963

**MEMORANDUM FOR:** Deputy Director for Science and Technology  
**SUBJECT :** Daily Activity Report - 30 December 1963

**1. GENERAL:**

a. On Monday, 30 December 1963, OSA will brief the DDCI at 1030 hours on the results of the critique of the OXCART Command Post Exercise Delta. The briefing will be given in the OSA Control Center.

b. [ ] EAD/OSA, has completed the System 12A analysis and the results have been forwarded to the contractor, ATI, with recommendations for improved design. Estimated time for reevaluation of System 12A will be the middle of January 1964.

c. KEMPSTER B at GE-ATL has been reoriented to the "50 lb" system for radar camouflage after several conferences by [ ] with GE-ATL representatives. Extension of the contract waveguide attenuation experiments was also effected.

d. An extension of the [ ] contract relative to theoretical calculations on radar camouflage and relation of the same to the KEMPSTER B system effort by GE-ATL has been completed by [ ] EAD/OSA, and [ ] CD/OSA.

e. [ ] EAD/OSA, has been working on [ ] of OEL.

f. CORONA Mission 9062 was successfully flown and recovered. RFI on telemetry reception was noted at SHENYA AFB. The significance of this with regard to CORONA vulnerability is being evaluated.

**2. FIELD ACTIVITIES:**

a. [ ]

(1) Mission 3801 flown 27 December 1963. Pilot reported 65 per cent success. No reaction reported.

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(2) Mission 3802 flown 28 December 1963. Pilot reported 70 per cent success. No reported reaction.

(3) Mission 3803 flown 29 December 1963. Pilot reported 15 per cent success. No reported reaction.

(4) Mission 3804 scheduled for 30 December 1963. Cancelled due to weather.

**b. SATELLITES:**

(1) "J" Mission 1003 originally scheduled for 31 December 63. Tentatively rescheduled for no earlier than 8 January 1964 launch.

(2) CORONA/MURAL 9063 scheduled for 10 January 64.

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(1) Mission 6070 flown on 28/29 December 1963 for coverage of Cambodia/South Vietnam border. Pilot estimated 95 per cent success. 112A Camera was used on this mission.

(2) Mission 6071 flown 29/30 December 1963. Area of coverage - North Vietnam and Laos border. Pilot estimated 85 per cent success. 112A Camera utilized on this mission.

(3) Mission 6072 alerted for backup at 6071 for 30/31 December 1963. Cancelled due to success of 6071.

**d. EDWARDS AIR FORCE BASE:**

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(1) Aircraft 356 originally scheduled for ferry [redacted] 27 December 1963. Delayed until 28 December 1963 due to aircraft malfunction.

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(2) Aircraft 356 departed Edwards Air Force Base 28 December 1963. [redacted] 0035 EST.

**3. OXCART FLIGHT SUMMARY:**

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a. There were four OXCART flights and one KEDLOCK flight completed at [redacted] on Friday, 27 December 1963.

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b. Aircraft #124 completed flight number 186 - purpose, instrument check for Agency pilot. Maximum speed Mach .71, maximum altitude 23,000 feet - duration 2 hours 5 minutes.

c. Aircraft #125 completed flight number 37 - purpose functional check flight. Maximum speed Mach 1.42, maximum altitude 43,000 feet, duration one hour.

d. Aircraft #127 completed flight 29 - purpose, transition flight for Agency pilot. Maximum speed Mach 1.61, maximum altitude 50,000 feet, duration one hour 6 minutes.

e. Aircraft #130 completed flight 9 - purpose, training mission 9A-1 for Agency pilot. Maximum speed Mach 1.8, maximum altitude 53,000 feet, duration, 36 minutes.

f. Aircraft #1001 (KEDLOCK) completed flight 3 - purpose, simulated missile run, INS, fire control system checks. Maximum speed Mach 2.1, maximum altitude 61,000 feet, duration 32 minutes.

g. There were two OXCART flights completed at on Saturday, 28 December 1963.

h. Aircraft #121 completed flight 98 - purpose, evaluation of duct flow at high speed with splitter plates installed. Maximum speed Mach 3.0, maximum altitude 74,000 feet, duration 49 minutes.

i. Aircraft #126 completed flight 34 - purpose, INS and radiochecks. Maximum speed Mach .98, maximum altitude 43,000 feet, duration 1 hour 27 minutes.

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